CYBERCAMP INSTRUCTIONAL ACTIVITY SCHEDULE

School Division(s): __Hopewell City Public Schools & Dinwiddie County Public Schools__   **School:**Hopewell High School

Camp Begin Date: Monday, July 11, 2016   **Camp End Date:**Thursday, July 28, 2016   **Days ofWeek:** Mondays - Thursdays

Daily Instruction Begin Time:8:00 a.m.   **Daily Instruction End Time:**2:00 p.m.Specify alternate schedules below: ***See Daily Camp Schedule below**

Lunch Period (begin/end):12:00-12:30 p.m.Total instructional hours including guest speaker(s) field trip(s) and culminating: 70

Enrollment: 25 students   **Activity:**Classroom instruction, guest speakers, and field trips

WEEK 1 –July 11 - July 14, 2016				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
-Intro. to Cybersecurity -Intro. to Robotics -Intro. to Humanities	-Guest Speaker (a.m.) from Dominion Virginia Power; Topic: Basic Electricity -Pre-test -Intro. to Electricity including designing a flashlight	-Digital Technology, Friendships, and Personal Relationships -Interact with Boe-Bot	-Field trip (a.m.) to Coesia or UNOS (waiting on confirmation) -Current Events -Continue interacting with Boe-Bot	

WEEK 2 – July 18 - July 21, 2016				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
-Timers and LED's using Boe-Bot -Basic Navigation to code Boe-Bot	-Guest Speaker (a.m.) from VCCS; Topic: Virginia Education Wizard 5.0 -Tuning Maneuvers and Programming Design Process with Boe-Bot	-Network -Malware -Debates	-Digital Technology & the Human Personality -Digital Technology, Harms, and Trust -Continue Debates	

WEEK 3 – July 25 - July 28, 2016				
Monday	**Tuesday**	**Wednesday**	**Thursday**	**Friday**
-Infrared Navigation of Boe-Bot -Programmable Remote to control Boe-Bot	-Guest Speaker (a.m.) from ECPI; Topic: Cybersecurity -Cyber Ethics Culminating Activity	-Field Trip (a.m.) to Rolls Royce in Prince George, VA. Tour facility to observe aerospace and power systems. -Post-Test	-End of Camp Reception to recognize students, parents, and staff involved in Cyber Camp 2016	

*Daily Camp Schedule

8:00 – 8:15 a.m.	Breakfast
8:15 – 10:45 a.m.	Morning Session
10:45 – 11:00 a.m.	Snack Break
11:00 a.m. – 12:00 p.m.	Afternoon Session
12:00 – 12:30 p.m.	Lunch
12:30 – 2:00 p.m.	Continue Afternoon Session